ABSTRACT

In a directional speaker control system for realizing good sound localization by correcting the directivity of a directional speaker, adapted to an audio surround system in which a desired sound is reflected on a wall surface or a sound reflection board so as to produce a virtual speaker, a first directional speaker emits a first sound toward the wall surface or sound reflection board so that the reflected sound reaches a prescribed listening position, and a second directional speaker emits a second sound, which comes to have an inverse phase with respect to an audio element of the first sound reaching the listening position directly, toward the listening position. Thus, it is possible to adequately dampen the audio element (particularly, low-frequency components) emitted directly toward the listening position from the first directional speaker; hence, it is possible to realize good sound localization.